<u>IN THE CLAIMS:</u>

Please cancel claims 59-76 without prejudice and add new claims 77-94 as follows:

1-76. (Canceled)

77. (New) A method of providing a multicast service in a wireless communication system, the method comprising:

mapping at least one logical channel into a transport channel; and

transmitting data of the at least one logical channel to a receiving end through the transport channel,

wherein the data is added with a header including a first identifier for identifying the at least one logical channel and a second identifier for identifying the multicast service.

78. (New) The method of claim 77, wherein the first identifier is a TCTF (Target Channel Type Field).

79. (New) The method of claim 77, wherein the second identifier is an MBMS (Multimedia Broadcast/Multicast Service) identifier.

80. (New) The method of claim 79, wherein the MBMS identifier is an m-RNTI (MBMS radio network temporary identifier).

81. (New) The method of claim 77, wherein a third identifier for distinguishing a type of the second identifier is further included in the header.

82. (New) The method of claim 81, wherein the third identifier is a UE (user equipment) ID type.

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83. (New) The method of claim 77, wherein the at least one logical channel is a dedicated logical channel or a shared logical channel.

84. (New) The method of claim 77, wherein the transport channel is a shared transport channel.

85. (New) The method of claim 84, wherein the shared transport channel is a DSCH (Downlink Shared Channel).

86. (New) A method of receiving a multicast service in a wireless communication system, the method comprising:

receiving data of at least one logical channel through a transport channel, wherein the data is added with a header including a first identifier for identifying the at least one logical channel and a second identifier for identifying the multicast service;

identifying the at least one logical channel and the multicast service according to the first identifier and the second identifier included in the header; and

delivering the data to a logical channel that is mapped with the transport channel according to the first identifier.

87. (New) The method of claim 86, wherein the first identifier is a TCTF (Target Channel Type Field).

88. (New) The method of claim 86, wherein the second identifier is an MBMS (Multimedia Broadcast/Multicast Service) identifier.

89. (New) The method of claim 88, wherein the MBMS identifier is an m-RNTI (MBMS radio network temporary identifier).

90. (New) The method of claim 86, wherein a third identifier for distinguishing a type of the second identifier is further included in the header.

91. (New) The method of claim 90, wherein the third identifier is a UE (user equipment) ID type.

92. (New) The method of claim 86, wherein the at least one logical channel is a dedicated logical channel or a shared logical channel.

93. (New) The method of claim 86, wherein the transport channel is a shared transport channel.

94. (New) The method of claim 93, wherein the shared transport channel is a DSCH (Downlink Shared Channel).